

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

IN THE  
U.S. PATENT AND TRADEMARK OFFICE

19270 U.S. PTO  
10/685940



## Anticipated Classification of this application:

Class \_\_\_\_\_ Subclass \_\_\_\_\_

## Prior application:

Examiner: Hong Chong Kim  
Art Unit: 2186

Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on 10/14/2003 and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450

"Express Mail" label no. EL964691802US

Typed Name: Gregory W. Osterloft

Signature:

REQUEST FOR A CONTINUING APPLICATION UNDER 37 CFR 1.53(b)

Sir:

This is a request for filing a continuing application under 37 CFR 1.53(b) a  
 continuation application of:  
 divisional application of:

Pending Prior Application

Application No. 08/828,604 filed 04/07/2001

Title MEMORY CONTROLLER WITH 1X/MX READ CAPABILITY

Name of applicant(s) Eric M. Rentschler, et al.

Copy of Application

Enclosed is a copy of the prior application, including the drawings.  
 Enclosed is a new specification, including new drawings.

Oath or Declaration

Enclosed is a copy of the prior Declaration (37 CFR 1.63(d)).  
 Enclosed is a new, unsigned Declaration and Power of Attorney.

Foreign Priority - 35 USC 119

Foreign priority under 35 U.S.C. 119 has been claimed in prior Application No. \_\_\_\_\_  
 filed on \_\_\_\_\_ in \_\_\_\_\_  
 The certified copy has been filed in prior Application No. \_\_\_\_\_  
 filed \_\_\_\_\_  
 A separate paper claiming direct priority to a foreign application is enclosed herewith. A certified copy of the foreign application will be provided in due course.

Relate Back - 35 USC 120

## Cross Reference To Related Application(s);

This is a  continuation  divisional  
 of copending application number 08/828,604 filed on 04/07/2001,  
 which is hereby incorporated by reference herein.

Inventorship Statement

( ) Delete the following named individuals as inventors in this application in accordance with 37 CFR 1.53(b) as a result of a change in the claimed subject matter:

Appointment of Associate Attorney

( ) Recognize as Associate Attorney or Agent \_\_\_\_\_

Registration No. \_\_\_\_\_

( ) authorization is hereby granted by signature below of the Attorney or Agent of record

( ) the Associate Attorney or Agent may not have the authority to appoint other Attorneys or Agents

Communications

(X) Address all future communications to:

Direct telephone calls to:

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

**T. Grant Ritz**  
**(970) 898-0697**

Other Amendments

( ) Enter the enclosed Preliminary Amendment. The filing fee is calculated on the basis of the amended claims.

Fee Calculation

(X) The filing fee is calculated below for (X) Utility ( ) Design

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	19 — 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	3 — 3	0	X \$86	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS	0		\$290	\$ 0
BASIC FEE: Design ( \$340.00 ); Utility ( \$770.00 )				\$ 770
TOTAL FILING FEE				\$ 770
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 770

Charge \$ 770 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Eric M. Rentschler, et al.

By   
**Gregory W. Osterloft**  
Attorney/Agent for Applicant(s)  
Reg. No. **36,232**

Date: **10/14/2003**

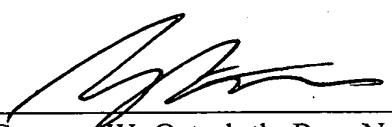
Telephone No.: **(303) 291-3200**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
Eric M. Rentschler, et al. )  
Serial No.: Not yet assigned ) Confirmation No.: Not yet assigned  
Filing Date: 10/14/2003 ) Examiner: Not yet assigned  
For: MEMORY CONTROLLER WITH ) Group Art Unit: Not yet assigned  
1X/MX READ CAPABILITY )  
Docket No.: 10004119-3 )

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that the attached **Request for a Continuing Application Under 37 CFR 1.53(b); Continuing Patent Application (54 pages including 48 pages of specification, 5 pages of claims and 1 page abstract); 23 sheets of Formal Drawings (Figs. 1-29); Unsigned Declaration and Power of Attorney (2 pages); Information Disclosure Statement/Form PTO-1449; and Post cards for return by the United States Patent and Trademark Office**, are all being deposited with the United States Postal Service addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450, via Express Mail No. EL 964691802 US, on this 14th day of October 2003.

By:   
Gregory W. Osterloth, Reg. No. 36,232